



# Tennessee Common Core Standards & State Science Standards at



## How to Make a Field Trip Reservation

Reservations for Nature Center field trips are easy to make by calling **615-352-6299**. Field trips are free of charge. Reservations are accepted in **January for the spring** and in **August for the fall**. Winter and summer field trips are offered on a limited basis; call for availability. Educators may schedule one field trip per season (one in spring and one in fall) for their classes.

### Information to have ready when you call:

- Contact name, two phone numbers, & email
- Organization name & address
- Number of students and grade
- Date and time, & alternate dates and times
- Topic
- Any information about students with special needs

Warner Park Nature Center

7311 Highway 100~Nashville, Tennessee~37221

615-352-6299 or [wpnc@nashville.gov](mailto:wpnc@nashville.gov)

<http://www.nashville.gov/Parks-and-Recreation/Nature-Centers-and-Natural-Areas/Warner-Park-Nature-Center.aspx>

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Warner Park  
Nature Center



For TTY (relay service), please call  
1-800-849-0299. For  
questions, concerns or  
requests regarding the American  
Disabilities Act  
call 615-862-8400.



A supplement to the 2014-15 Educator Guide  
Mayor, Karl Dean



# Tennessee State Science Standards

A visit to the Nature Center enables students to apply many of the curriculum objectives outlined in the State Science Standards. The standards listed below are an example of how the Nature Center can connect with your classroom.

## KINDERGARTEN

- Interact with the environment using their senses **GLE\* 0007.2.2**
- Distinguish between living and non-living things and observe both in the natural environment **GLE 0007.2.1**
- Compare the basic features of living things that help them survive in different environments **GLE 0007.5.1**
- Identify the Sun as the main source of Earth's heat and light energy **GLE 0007.10.1**
- Observe changes in weather during the seasons, affecting Earth and its inhabitants **GLE 0007.10.2**

## GRADES 1-2

- Recognizes living things are made up of smaller parts that grow and change over time **GLE 0107.1.1 & 0107.3.1**
- Observe the life cycles of plants and animals **GLE 0107.4.1 & 0207.4.1**
- Compare and identify living and non-living things **GLE 0107.2.1, 0207.2.1, & 0207.2.2**
- Discuss the basic principles of inheritance and observe these principles in plants and animals **GLE 0207.4.2**
- Examine interrelationships among plants, animals, and their environment **GLE 0207.2.3 & 0207.3.1**
- Investigate the relationship between an animal's characteristics and the features of the environment where it lives **GLE 0207.5.1**

## GRADES 3-4

- Categorize matter as living or non-living **GLE 0307.2.1**
- Explore competition for resources between organisms **GLE 0307.2.2**
- Observe the different stages of the life cycle of an organism **GLE 0307.4.1 & 0407.3.1**
- Analyze physical and behavioral adaptations that enable organisms to survive **GLE 0307.5.1 & 0407.5.1**
- Discuss the relationship between reproduction and the continuation of species **GLE 0407.4.1**
- Analyze the effects of changes in the environment on the stability of an ecosystem **GLE 0407.2.1**
- Study the basic parts of plants and investigate how plants produce food **GLE 0407.3.1**

## GRADES 5-8

- Observe how organisms interact through symbiotic, commensal, and parasitic relationships **GLE 0507.2.2**
- Investigate how plants and animals use and produce food, water, and air to sustain life **GLE 0507.2.1**
- Observe connections between human activities and natural disasters and the impact on the environment **GLE 0507.2.3**
- Create food chains using plants and animals observed to demonstrate how all living things rely on photosynthesis **GLE 0507.3.1, 0707.3.1 & 0707.3.2**
- Compare characteristics of living things that are inherited versus those resulting from interactions with the environment **GLE 0507.4.1 & 0507.4.2**
- Observe geologic features of Warner Parks and associate geologic events responsible for these features **GLE 0507.7.1**
- Examine the roles of consumers, producers, and decomposers in a biological community **GLE 0607.2.1**
- Observe energy transfer within an ecosystem **GLE 0607.2.2**
- Compare and contrast the fundamental features of sexual and asexual reproduction **GLE 0707.4.1**
- Identify characteristics used by scientists to classify organisms and use a simple key to identify specific organisms **GLE 0807.5.1 & 0807.5.2**
- Investigate physical characteristics of different groups of animals that enable them to survive in their environment **GLE 0507.5.1 & 0807.5.3**



# Tennessee Common Core Standards for Speaking and Listening for K-5

Participate in collaborative conversations with diverse partners about grade-appropriate *topics and texts* with peers and adults in small and larger groups. **SL.K-2.1**

Confirm understanding of information presented orally by asking and answering questions about key details and requesting clarification if something is not understood. **SL.K.2**

Ask and answer questions in order to seek help, get information, or clarify something that is not understood. **SL.K.3**

Describe familiar people, places, things, and events and, with prompting and support, provide additional detail. **SL.K.4**

Speak audibly and express thoughts, feelings, and ideas clearly. **SL.K.6**

Ask and answer questions about key details in a text read aloud or information presented orally or through other media. **SL.1.2**

Ask and answer questions about what a speaker says in order to gather additional information or clarify something that is not understood. **SL.1.3**

Describe people, places, things, and events with relevant details, expressing ideas and feelings clearly. **SL.1.4**

Produce complete sentences when appropriate to task and situation. **SL.1.6**

Recount or describe key ideas or details from a text read aloud or information presented orally or through other media. **SL.2.2**

Ask and answer questions about what a speaker says in order to clarify comprehension, gather additional information, or deepen understanding of a topic or issue. **SL.2.3**

Tell a story or recount an experience with appropriate facts and relevant, descriptive details, speaking audibly in coherent sentences. **SL.2.4**

Produce complete sentences when appropriate to task and situation in order to provide requested detail or clarification. **SL.2.6**

Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher led) with diverse partners on *grade-appropriate topics*, building on others' ideas and expressing their own clearly. **SL.3-5.1**

Determine the main ideas and supporting details of a text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally. **SL.3.2**

Ask and answer questions about information from a speaker, offering appropriate elaboration and detail. **SL.3.3**

Report on a topic or text, tell a story, or recount an experience with appropriate facts and relevant, descriptive details, speaking clearly at an understandable pace. **SL.3.4**

Speak in complete sentences when appropriate to task and situation in order to provide requested detail or clarification. **SL.3.6**

Paraphrase portions of a text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally. **SL.4.2**

Identify the reasons and evidence a speaker provides to support particular points. **SL.4.3**

Report on a topic or text, tell a story, or recount an experience in an organized manner, using appropriate facts and relevant, descriptive details to support main ideas or themes; speak clearly at an understandable pace. **SL.4.4**

Summarize a written text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally. **SL.5.2**

Summarize the points a speaker makes and explain how each claim is supported by reasons and evidence. **SL.5.3**

Report on a topic or text or present an opinion, sequencing ideas logically and using appropriate facts and relevant, descriptive details to support main ideas or themes; speak clearly at an understandable pace. **SL.5.4**



\*GLE GRADE LEVEL EXPECTATION CORRELATIONS TAKEN FROM TENNESSEE STATE SCIENCE STANDARDS, 2010.